

## Search for 09/613,535

(FILE 'HOME' ENTERED AT 13:53:03 ON 14 NOV 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, BIOTECHDS' ENTERED AT  
13:53:25 ON  
14 NOV 2002

L1 5571 S IN VITRO MUTAGENESIS OR IN VITRO RECOMBINATION OR  
DNA SHUFFLI

L2 137 S L1 AND (DDNTP OR TERMINAT? OR DIDEOXY?)

L3 61 DUP REM L2 (76 DUPLICATES REMOVED)

L4 8166 S MURPHY, G?/AU OR SETTERQUIST, R?/AU OR ELLINGTON,  
A?/AU

L5 26 S L4 AND L1

L6 11 DUP REM L5 (15 DUPLICATES REMOVED)

**WEST****Freeform Search****Database:**

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:**

L6 and (anneal\$ same denatur\$ same exten\$)

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**Search History****DATE:** Thursday, November 14, 2002 [Printable Copy](#) [Create Case](#)**Set Name Query**

side by side

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result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

<u>L7</u>	L6 and (anneal\$ same denatur\$ same exten\$)	203	<u>L7</u>
<u>L6</u>	(11 or 13) and (ddntp or terminat\$ or dideoxy\$)	1388	<u>L6</u>
<u>L5</u>	(12 or 14) and (anneal\$ same denatur\$ same exten\$)	212	<u>L5</u>
<u>L4</u>	L3 and (ddntp or termina\$ or dideoxy\$)	1890	<u>L4</u>
<u>L3</u>	dna shuffling or in vitro mutagenesis or gene shuffling or staggered extension protocol or sexual pcr	1993	<u>L3</u>
<u>L2</u>	L1 and (ddntp or termina\$ or dideoxy\$)	1927	<u>L2</u>
<u>L1</u>	in vitro recombination or dna shuffling or in vitro mutagenesis or gene shuffling or staggered extension protocol or sexual pcr	2033	<u>L1</u>

END OF SEARCH HISTORY

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L25</u>	primer extension same alkylolation	12	<u>L25</u>
<u>L24</u>	alkylation same extension	80	<u>L24</u>
<u>L23</u>	L22 and alkylation	10	<u>L23</u>
<u>L22</u>	ribonucleotide same extension	225	<u>L22</u>
<u>L21</u>	L20 and phosphorothioate	42	<u>L21</u>
<u>L20</u>	(terminator same ribo\$) and ribonuclease and phosphatase	222	<u>L20</u>
<u>L19</u>	L18 and ribonuclease and phosphatase	24	<u>L19</u>
<u>L18</u>	chain terminator same (ddntp or dideoxy or ribose\$)	208	<u>L18</u>
<u>L17</u>	exonuclease III same (cleav\$ or remov\$) same (dideox\$ or ddntp or terminator)	61	<u>L17</u>

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

<u>L16</u>	exonuclease III same (cleav\$ or remov\$) same (dideox\$ or ddntp or terminator)	65	<u>L16</u>
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*DB=PGPB; PLUR=YES; OP=ADJ*

<u>L15</u>	setterquist.in.	0	<u>L15</u>
<u>L14</u>	murphy g\$.in.	0	<u>L14</u>
<u>L13</u>	L12 and sexual	13	<u>L13</u>
<u>L12</u>	L11 and terminator	20	<u>L12</u>
<u>L11</u>	L10 and dna	35	<u>L11</u>
<u>L10</u>	murphy.in. and synthesis	61	<u>L10</u>
<u>L9</u>	murphy.in. and recombinatorial	0	<u>L9</u>

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L8</u>	L7 same extension	36	<u>L8</u>
<u>L7</u>	(ddntp or terminator) same ribo\$	1994	<u>L7</u>
<u>L6</u>	(ddntp or terminator) same ribo	8	<u>L6</u>
<u>L5</u>	ribo\$ same l2	5	<u>L5</u>
<u>L4</u>	l2 and L3	91	<u>L4</u>
<u>L3</u>	(ddntp or terminator or dideoxy\$) same extension	1443	<u>L3</u>
<u>L2</u>	L1 same ddntp	101	<u>L2</u>
<u>L1</u>	dideoxy\$ same terminator	911	<u>L1</u>

END OF SEARCH HISTORY

Updated  
Search

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(FILE 'HOME' ENTERED AT 13:53:13 ON 25 MAY 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, BIOTECHDS' ENTERED AT  
13:53:29 ON

25 MAY 2003

L1 8319 S MURPHY, G?/AU OR SETTERQUIST, R?/AU OR ELLINGTON,  
A?/AU

L2 23 S L1 AND (IN VITRO MUTAGENESIS OR IN VITRO EVOLUTION OR  
IN VITR

L3 8 DUP REM L2 (15 DUPLICATES REMOVED)

**Set Name Query**

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result set

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L12</u>	pool with oligo\$ with extension	22	<u>L12</u>
<u>L11</u>	(anneal\$ with primer with template) same exten\$ same denatur\$ same second same (dideoxy\$ or ddntp or terminator or chain termin\$)	8	<u>L11</u>
<u>L10</u>	linear amplification same (dideoxy\$ or ddntp or terminator or chain termin\$)	31	<u>L10</u>
<u>L9</u>	linear amplification	1466	<u>L9</u>
<u>L8</u>	5965508.pn.	1	<u>L8</u>

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

<u>L7</u>	L6 and ((change or remov\$ or modif\$) with (dideoxy\$ or ddntp or terminator or chain termin\$))	200	<u>L7</u>
<u>L6</u>	l5 and (dideoxy\$ or ddntp or terminator or chain termin\$)	2814	<u>L6</u>
<u>L5</u>	in vitro (mutagenesis or recombination or evolution) or (direct\$ with evolution) or ((gene or genetic) recombination)	7533	<u>L5</u>
<u>L4</u>	in vitro (mutagenesis or recombination or evolution) or (direct\$ with evolution) or (gen\$ recombination)	5067	<u>L4</u>
<u>L3</u>	l2 and ((change or remov\$ or modif\$) same (dideoxy\$ or ddntp or terminator or chain termin\$))	198	<u>L3</u>
<u>L2</u>	L1 and (block\$ or dideoxy\$ or ddntp or terminator or chain termin\$)	633	<u>L2</u>
<u>L1</u>	in vitro (mutagenesis or recombination)	743	<u>L1</u>

END OF SEARCH HISTORY